

IN THE CLAIMS:

Please cancel claims 3-5, 7, 10-13, 16-18 and 20 without prejudice. The status of the claims is as follows:

1. (Original) A circuit board comprising:
 - a first plane;
 - a second plane;
 - a via spanning said first and second plane; and
 - an impedance component placed in said via and coupled to said first plane and said second plane.
2. (Original) The circuit board of claim 1, wherein said impedance component is a resistor.

Claims 3-5 (Canceled).

6. (Original) The circuit board of claim 2, wherein said resistor comprises:
 - rolled carbon material having a first end and a second end; and
 - a first conductive cap coupled to said first end, and a second conductive cap coupled to said second end;

wherein said first conductive cap is coupled to said first plane, and said second conductive cap is coupled to said second plane.

Claim 7 (Canceled).

8. (Original) A method of adding impedance to a circuit board having a first plane, a second plane, and a via spanning said first and second plane, said method comprising:

forming an impedance component having a first conductive cap and a second conductive cap;

placing said impedance component in said via; and

coupling said first said to said first plane and said second cap to said second plan.

9. (Original) The method of claim 8, wherein said impedance component is a resistor.

Claims 10-13 (Canceled).

14. (Original) A circuit board comprising:

a plurality of planes;

a via spanning at least two of said planes; and

an impedance component placed in said via and coupled to at least two of said planes.

15. (Original) The circuit board of claim 14, wherein said impedance component is a resistor.

Claims 16-18 (Canceled).

19. (Original) The circuit board of claim 15, wherein said resistor comprises:

rolled carbon material having a first end and a second end; and

a first conductive cap coupled to said first end, and a second conductive cap coupled to said second end;

wherein said first conductive cap is coupled to one of said planes, and said second conductive cap is coupled to a different one of said planes.

Claim 20 (Canceled).